

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/591,791
Source: IFWP
Date Processed by STIC: 9/13/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 09/13/2006

PATENT APPLICATION: US/10/591,791

TIME: 10:55:07

Input Set : A:\DECLE59-13-US.txt

Output Set: N:\CRF4\09132006\J591791.raw

3 <110> APPLICANT: Gala, Jean-Luc
 4 Ireng, Leonid
 7 <120> TITLE OF INVENTION: Assay for detecting and identifying micro-organisms
 9 <130> FILE REFERENCE: DECLE59.013APC
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/591,791
 C--> 12 <141> CURRENT FILING DATE: 2006-09-06
 14 <150> PRIOR APPLICATION NUMBER: BE 2004/0152
 15 <151> PRIOR FILING DATE: 2004-03-19
 17 <160> NUMBER OF SEQ ID NOS: 479
 19 <170> SOFTWARE: PatentIn version 3.3
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 597
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Enterococcus Faecalis
 26 <400> SEQUENCE: 1
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 29 ctctctctaa tccagtagct ggtggcgtaa ctatcggtag tggcggttgg ccatcaaaaa 120
 31 ttaataaagt ggttggtgtc tgcaaagcgt acacttcacg tgtcggtgac ggcccatcc 180
 33 caacagaatt atttgatgaa acaggagaaa ccattcgctg tgtcggtaaa gaatacggaa 240
 35 caacaacagg acgtccgctg cgtgtcggtt ggtttgattc agtagtcag cgtcattcaa 300
 37 aacgtgtatc agggattaca aacttgctat taaactcgat tgacgtgtta agtggtttag 360
 39 aaacggtgaa aatttgatga gcttatgaac ttgatggtga attaatat cattatccag 420
 41 caagcttgaa agaattaagc cgctgtaaac cagtttatga agaattacca ggttggtctg 480
 43 aagatattac tgggtgcaaa actttagcag attaccagc taatgctcgt aactatgtgc 540
 45 atcggatttc agaattagtt ggtgtgcgca tttcaacatt ctcataggg ccagacc 597
 48 <210> SEQ ID NO: 2
 49 <211> LENGTH: 597
 50 <212> TYPE: DNA
 51 <213> ORGANISM: Enterococcus gallinarum
 53 <400> SEQUENCE: 2
 54 ctcttcgagg tgcgcaagga gttatgctag atattgatca aggaacatat ccgttcgtaa 60
 56 catcctcaaa tccagtagct ggtggagtaa ccattggtag tggagtgggt ccttctaaaa 120
 58 tcaataaagt agttggtgtt tgtaaagcat atacttcaag agttggtgac ggcccatcc 180
 60 caacagaact ttttgatgaa acaggcaatc aaattcgtga agttggccgt gaatatggta 240
 62 cgacaactgg tcgtccacgt cgtgttggtt ggtttgactc tgttgctatg cgtcattcaa 300
 64 aacgtgtttc tggatcacg aatctgtctt taaattcaat tgatgttttg agcggcttg 360
 66 aaactgtaaa aatttgatg gcttatgaat tagatggaga attgatttat cattatcctg 420
 68 caagtctaaa agaattgaat cgttgtaaac cagctatga agagttacca ggctggtcag 480
 70 aagatattac tggatgcaaa acattagctg atcttctga aaatgcacgt aactatgtac 540
 72 atcgtatctc tgaattagtt ggggttcgta tctcaacatt ctcataggt cctgacc 597
 75 <210> SEQ ID NO: 3
 76 <211> LENGTH: 598
 77 <212> TYPE: DNA

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78 <213> ORGANISM: Enterococcus flavescens
81 <220> FEATURE:
82 <221> NAME/KEY: misc_feature
83 <222> LOCATION: (594)..(594)
84 <223> OTHER INFORMATION: n is a, c, g, or t
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91 atcaacaaag tcgttggtgt ctgcaaagct tacacctctc gggtaggaga tggtcctttc      180
93 ccaacggaac tgtttgatga aacaggtgaa caaatccgta agatcggtcg tgaatacggg      240
95 acaacgacag gacgtcctcg ccgtgtgggc tggtttgata ccgtcgtgat gcgccattca      300
97 aaacgtgttt cagggattac aaacctatcc cttaactcga tcgatgtctt gacgggctta      360
99 gaaaccgtga agatctgtac ggcttatgaa ctgacgggcg aattgatcta tcattaccca      420
101 gcaagcttga aagagttgaa ccgctgcaaa ccagtctacg aagaacttcc tggctgggtc      480
103 gaagacatta ctggctgcaa aacattagca gatctgccag aaaatgcacg caattacggt      540
W--> 105 caccgatctc ctgaattagt cgggtgccgc atttcgacct tctcagtagg gccngacc      598
108 <210> SEQ ID NO: 4
109 <211> LENGTH: 598
110 <212> TYPE: DNA
111 <213> ORGANISM: Streptococcus agalactiae
114 <220> FEATURE:
115 <221> NAME/KEY: misc_feature
116 <222> LOCATION: (581)..(581)
117 <223> OTHER INFORMATION: n is a, c, g, or t
119 <220> FEATURE:
120 <221> NAME/KEY: misc_feature
121 <222> LOCATION: (591)..(591)
122 <223> OTHER INFORMATION: n is a, c, g, or t
124 <400> SEQUENCE: 4
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129 ttaataaagt agtaggtgta tgtaaagctt acactagccg tgttggtgat ggaccattcc      180
131 caacagaact ttttgatgag gttggtgacc gtattcgtga gattggtaaa gagtatggta      240
133 caacgaccgg tcgtcctcgt cgcgttggtg ggtttgattc tgttgttatg cgtcacagcc      300
135 gtcgagtatc aggtattact aacctctctc tgaattcaat tgatgttctt tcagggcttg      360
137 atacggtgaa aatttggtgt gcttatgacc ttgatgggaa acgtattgac tattaccag      420
139 caagccttga acagctaaaa cgttgtaaac caatctatga agaattaccg ggctgggtctg      480
141 aagatattac agcttgctgt agcttagatg atcttcacga aaatgcacgt aattacgttc      540
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146 <210> SEQ ID NO: 5
147 <211> LENGTH: 599
148 <212> TYPE: DNA
149 <213> ORGANISM: Streptococcus sanguis
151 <400> SEQUENCE: 5
152 ctttttgaag gggctcaagg agttatgctc gacattgatc aaggaacata cccatttgta      60
154 acatcttcca atccagtagc aggtggtgtc acaattgggt cgaggattgg accaagtaaa      120
156 attaataaag tagtaggtgt atgtaaagct tacactagcc gtgttggtga tggaccattc      180
158 ccaacagaac tttttgatga ggttggtgac cgtattcgtg agattggtaa agagtatggt      240
160 acaacgaccg gtcgtcctcg tcgcgttgga tggtttgatt ctggtgttat gcgtcacagc      300

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162 cgtcgagtat caggtattac taacctctct ctgaattcaa ttgatgttct ttcagggctt      360
164 gatacgggtga aaatttgtgt ggcttatgac cttgatggga aacgtattga ctattaccca      420
166 gcaagccttg aacagctaaa acgttgtaaa ccaatctatg aagaattacc gggctggtct      480
168 gaagatatta cagcttgtcg tagcttagat gatcttccag aaaatgcacg taattacgtt      540
170 cgccgtgttg gcgaattggt tgggtgttcgt atttctactt tctcagttgg gtccagacc      599
173 <210> SEQ ID NO: 6
174 <211> LENGTH: 598
175 <212> TYPE: DNA
176 <213> ORGANISM: Enterococcus faecium
179 <220> FEATURE:
180 <221> NAME/KEY: misc_feature
181 <222> LOCATION: (581)..(581)
182 <223> OTHER INFORMATION: n is a, c, g, or t
184 <400> SEQUENCE: 6
185 ttcttcgaag gggcgcaagg gggttatgctg gatattgacc aagggaactta tccatttgta      60
187 acttcttcta atccagttgc aggggagtc ccatcggttc cgggtgttgg ccgagcaaaa      120
189 ttgacaaggt agttggtgtc tgcaaggcct acaccagtcg ggtcggagat ggaccattcc      180
191 caacagagct ttttgatgaa gttggtgacc gcattcgtga tatcggccac gaatatggca      240
193 ctaccactgg tcgcccacgt cgggtaggtt ggtttgactc ggttgttatg cgccatagcc      300
195 gccgtgtatc agggattacc aatctttcgc ttaactccat cgatgtcttg agtgggtctgg      360
197 atacagtga aatctgtgta gcttatgact tggatggcca aagaatcgac cactaccag      420
199 ctagtctgga acagctcaag cgctgcaagc cgatttacga agagctgcca ggctggctcag      480
201 aggacatcac tggagtccgc agtctggaag acttgccaga aaatgcccg aactatgttc      540
W--> 203 gccgagtgag tgagctgggtt ggcgttcgca tttctacctt nctcagtagg gccagacc      598
206 <210> SEQ ID NO: 7
207 <211> LENGTH: 598
208 <212> TYPE: DNA
209 <213> ORGANISM: Enterococcus durans
211 <400> SEQUENCE: 7
212 ctctttgaag gggcacaagg tgtgatgttg gatatcgatc aaggaaacgta tccatttggtg      60
214 acttcttcta atccggtagc tgggtggtgta acgatcggtg gtggcggttg ccttcaaaag      120
216 atcaataaag tcgttggtgt atgtaaagct tatacttctc gtgtaggaga tggccattc      180
218 ccaacagaac tatttgacga aacaggtcaa caaatccgtg aagtcggtcg tgaatatggt      240
220 acgacaacag gtcgacctcg tcgtgtcggt tggtttgata cagtcgtggt gcgccattca      300
222 aaacgtgtat caggaatcac taacctatca ttgaattcaa tcgatgtatt aagcggacta      360
224 gaaacagtaa aaatctgtac agcgtatgaa ttagatggag aattgatcta tcattaccca      420
226 gcaagcctga aagaattgaa acgttgcaaa ccagtatacg aagaacttcc tggttggtct      480
228 gaagatatta cagcatgtaa aacacttgct gaactaccag aaaacgcccg taactatgtt      540
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233 <210> SEQ ID NO: 8
234 <211> LENGTH: 597
235 <212> TYPE: DNA
236 <213> ORGANISM: Streptococcus pyogenes
238 <400> SEQUENCE: 8
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243 tcaacaaagt agttggtgtc tgtaaagcct acacaagccg tgcggtgat gggccattcc      180
245 ctacagaact ctttgatgaa gtgggtgagc gcattcgtga agtgggtcat gagtacggga      240
247 caacgaccgg ccgtccacgt cgtgtcgggt gggttgatc ggttgatcgc cgccacagtc      300

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249 gtcgtgtatc aggtattact aacctctctc tgaattcaat tgatgttctt tcagggcttg      360
251 atacgggttaa gatttgtgtg gcttatgacc ttgatgggaa acgtattgac tattaccag      420
253 caaaccttga acaactcaaa cggtgcaaac caatctatga agaattacca ggctggcaag      480
255 aggacatcac aggtgttcgt agccttgatg agcttctctga aaatgccgcg aactacgttc      540
257 gtcgtgttgga agaattgggt ggcggttcgca tttcaacctt ctcatgttggg ccagacc      597
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261 <211> LENGTH: 599
262 <212> TYPE: DNA
263 <213> ORGANISM: Streptococcus pneumoniae
265 <400> SEQUENCE: 9
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268 acgtcatcaa accctgtagc tggtgtgtgt acaattgggt ctggtgtcgg tccaagcaag      120
270 attgacaagg ttgtagggtg atgtaaagct tatacagatc gtgtaggaga tggctccttc      180
272 ccaactgagt tggttgatga agtgggagaa cgtatccgtg aagtgggtca tgaatatggt      240
274 acaacaactg gtcgtccacg tcgtgtaggg ttggttgact cagttgtgat gcgtcatagc      300
276 cgctcgtgtt ctggtattac taacctttct ttgaactcta ttgatgtttt gagcggtttg      360
278 gatactgtga aaatctgtgt ggcctatgat cttgacgggt aacgtattga ctactatcca      420
280 gctagtcttg agcaattgaa acgttgcaag cctatctatg aagagttgcc aggttgggtca      480
282 gaagatatta ccggagttcg caatttgga gaccttctct agaatgcgcg taactatggt      540
284 cgctcgtgtg gtgaattggg tggcggttcg atttctactt ttctcagtag gtccaggcc      599
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288 <211> LENGTH: 598
289 <212> TYPE: DNA
290 <213> ORGANISM: Streptococcus oralis
292 <400> SEQUENCE: 10
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297 attgacaagg ttgtagggtg ctgtaaagcc tacacaagtc gtgtaggaga tggaccgttc      180
299 ccaactgaat tatttgatga agtgggagat cgcacccgtg aagtaggtca tgaatatggt      240
301 acaacaactg gtcgtccacg tcgtgtgggt ttggttgact cagttgtgat gcgtcacagc      300
303 cgccgtgtat ctgggattac caatcttcca ttgaactcta tagatgtttt gagtggtttg      360
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307 gctagtcttg agcagttgaa acgttgtaag ccaatctacg aggaattgcc aggttgggtca      480
309 gaagacatca ctggagtcgg taatttgga gaccttctct agaatgcacg caactatggt      540
311 cgctcgtgta gcgagttggg ttggtgttcg atctcaactt tctcagttgg gccagatc      598
314 <210> SEQ ID NO: 11
315 <211> LENGTH: 598
316 <212> TYPE: DNA
317 <213> ORGANISM: Staphylococcus hominis
319 <400> SEQUENCE: 11
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322 acgtcaagta atcctgtggc aggtaatgtg acagtaggaa ctggcgtggg tccaaccttc      120
324 gtatctaaag tgattggggg atgtaaatcc tatacatctc gtgtaggtga cggcccatc      180
326 cctactgaat tattcgacga agatgggtcat catattagag aagtaggtcg tgaatatgga      240
328 acgacaacag gacgtcctcg tcgtgtaggg ttggttcgact cagttgtatt acgtcactct      300
330 cgctcgtgta gtggtattac agacttatct attaatcaa ttgacgtttt aacaggttta      360
332 gatacggtta aaatttgtag agcttatgag ttagatgggt aaacaatcac agaatatcca      420
334 gcaaacttag accaattacg tcgttgtaaa ccaattttcg aagagttacc tggttggacg      480
336 gaagacatta caggttgtcg tacattagaa gaattacctg aaaacgcacg taaatactta      540

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338 gaacgtatatt ctgaattatg tggcggttcat atttcaatct tctcagtagg tccaggcc      598
341 <210> SEQ ID NO: 12
342 <211> LENGTH: 560
343 <212> TYPE: DNA
344 <213> ORGANISM: Bacillus anthracis
347 <220> FEATURE:
348 <221> NAME/KEY: misc_feature
349 <222> LOCATION: (7)..(7)
350 <223> OTHER INFORMATION: n is a, c, g, or t
352 <400> SEQUENCE: 12
W--> 353 gcttcantcg acccggtacg taccggttcg ttacatcttc taacccaatt gctgggtggtg      60
355 taacagtttg aactggagtt ggtcctgcga aagttactcg cggtgtagggt gtatgtaaag      120
357 catatacaag ccgcggttgg gatggtccat tccctactga gcttcatgac gaaattgggtc      180
359 atcaaattcg tgaagttggt cgtgagtagt gaacgacaac tggtcgtcca cgccgcgtag      240
361 gttggttcga tagcggttgt gtaagacatg cagtcgctgt tagtggttta acagatttat      300
363 cattaaactc tatcgacgtt ctaactggta ttccaacact taaaatttgt gttgcttaca      360
365 aatgcgatgg gaaagttatc gatgaagttc cagcaaactt aaacatttta gcgaaatgtg      420
367 agcctgtata cgaagagctt ccaggttgga cagaagatat tactggtgta agatcattag      480
369 atgagcttcc tgaaaatgca cgaaaatacg tagaacgtgt ttctgagtta acaggaattc      540
371 aattatctat gttctcagtg
374 <210> SEQ ID NO: 13
375 <211> LENGTH: 560
376 <212> TYPE: DNA
377 <213> ORGANISM: Bacillus anthracis Butare
379 <400> SEQUENCE: 13
380 gcttgctatc gaccgggtac gtaccggttc gttacatctt ctaacccaat tgctgggtggt      60
382 gtaacagttg gaactggagt tggctcctgcg aaagttactc gcgttgtagg tgtatgtaa      120
384 gcatatacaa gccgcgttgg tgatggtcca ttccctactg agcttcatga cgaaattggt      180
386 catcaaattc gtgaagttgg tcgtgagtat ggaacgacaa ctggtcgtcc acgccgcgta      240
388 ggttggttcg atagcgttgt tgtaagacat gcacgtcgtg ttagtggttt aacagattta      300
390 tcattaaact ctatcgacgt tctaactggg attccaacac ttaaaatttg tggtgcttac      360
392 aaatgcgatg ggaaagttat cgatgaagtt ccagcaaact taaacatttt agcgaaatgt      420
394 gagcctgtat acgaagagct tccaggttgg acagaagata ttactggtgt aagatcatta      480
396 gatgagcttc ctgaaaatgc acgaaaatac gtagaacgtg tttctgagtt aacaggaatt      540
398 caattatcta tggtctcgtg
401 <210> SEQ ID NO: 14
402 <211> LENGTH: 560
403 <212> TYPE: DNA
404 <213> ORGANISM: Bacillus anthracis Sterne
407 <220> FEATURE:
408 <221> NAME/KEY: misc_feature
409 <222> LOCATION: (8)..(8)
410 <223> OTHER INFORMATION: n is a, c, g, or t
412 <400> SEQUENCE: 14
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415 gttggaactg gagttgggtc tgcgaaagtt actcgcgttg taggtgtatg taaagcatat      120
417 acaagccgcg ttggtgatgg tccattccct actgagcttc atgacgaaat tgggtcatcaa      180
419 attcgtgaag ttggtcgtga gtagtgaacg acaactggtc gtccacgccg cgtaggttgg      240
421 ttcgatagcg ttggtgtaag acatgcacgt cgtgttagtg gtttaacaga tttatcatta      300

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Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 594
Seq#:4; N Pos. 581, 591
Seq#:6; N Pos. 581
Seq#:12; N Pos. 7
Seq#:14; N Pos. 8
Seq#:15; N Pos. 4, 552, 555, 558, 560
Seq#:16; N Pos. 4, 14, 552, 553, 556
Seq#:17; N Pos. 1, 6
Seq#:18; N Pos. 2, 4, 553
Seq#:19; N Pos. 545
Seq#:21; N Pos. 11
Seq#:25; N Pos. 11
Seq#:27; N Pos. 9
Seq#:28; N Pos. 11, 567
Seq#:30; N Pos. 18, 565
Seq#:31; N Pos. 570
Seq#:32; N Pos. 557
Seq#:33; N Pos. 2
Seq#:34; N Pos. 547
Seq#:35; N Pos. 4, 548
Seq#:36; N Pos. 5
Seq#:37; N Pos. 8, 14, 473, 564, 576, 577
Seq#:40; N Pos. 542
Seq#:42; N Pos. 2, 18, 567
Seq#:43; N Pos. 551
Seq#:46; N Pos. 508, 569, 593, 594
Seq#:48; N Pos. 594
Seq#:49; N Pos. 528, 530, 570
Seq#:50; N Pos. 563, 571
Seq#:60; N Pos. 361, 484, 541, 553
Seq#:64; N Pos. 2, 5, 15, 18, 26, 440, 449
Seq#:65; N Pos. 1, 14, 19, 22
Seq#:66; N Pos. 10, 11, 437, 446, 447, 451
Seq#:67; N Pos. 1, 2, 4, 5, 15, 23, 437, 445
Seq#:68; N Pos. 2, 3, 10, 13, 437, 447, 451
Seq#:69; N Pos. 4, 5, 17, 22, 25
Seq#:72; N Pos. 436
Seq#:73; N Pos. 423, 425, 442
Seq#:74; N Pos. 419, 431, 436, 439
Seq#:75; N Pos. 431, 438
Seq#:77; N Pos. 436
Seq#:78; N Pos. 1, 2, 6, 438, 441
Seq#:79; N Pos. 434, 439
Seq#:80; N Pos. 437

RAW SEQUENCE LISTING ERROR SUMMARY
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DATE: 09/13/2006
TIME: 10:55:08

Input Set : A:\DECLE59-13-US.txt
Output Set: N:\CRF4\09132006\J591791.raw

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Seq#:84; N Pos. 2,434,435,437,438,441
Seq#:85; N Pos. 431,437
Seq#:87; N Pos. 2,3,434,446
Seq#:88; N Pos. 2,447,450
Seq#:89; N Pos. 2,7,447
Seq#:91; N Pos. 419,422

VERIFICATION SUMMARY

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Input Set : A:\DECL59-13-US.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:540
L:143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:540
L:203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:540
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
M:341 Repeated in SeqNo=15
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
M:341 Repeated in SeqNo=16
L:552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
M:341 Repeated in SeqNo=18
L:646 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:540
L:688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:900 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
M:341 Repeated in SeqNo=28
L:965 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
M:341 Repeated in SeqNo=30
L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:540
L:1049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:540
L:1064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:1115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:540
L:1135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
M:341 Repeated in SeqNo=35
L:1168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:1221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
M:341 Repeated in SeqNo=37
L:1326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:540
L:1378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
M:341 Repeated in SeqNo=42
L:1429 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:540
L:1522 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:480
M:341 Repeated in SeqNo=46
L:1584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:540
L:1625 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:480
M:341 Repeated in SeqNo=49
L:1667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:540
L:1954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:360
M:341 Repeated in SeqNo=60
L:2082 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:0
M:341 Repeated in SeqNo=64
L:2126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0
L:2170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:0
M:341 Repeated in SeqNo=66

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/591,791

DATE: 09/13/2006

TIME: 10:55:08

Input Set : A:\DECLE59-13-US.txt

Output Set: N:\CRF4\09132006\J591791.raw

L:2224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:0

M:341 Repeated in SeqNo=67

L:2278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0

M:341 Repeated in SeqNo=68